



Student name(s):

School:

Class:

Survey date:

Site name:

Site location:

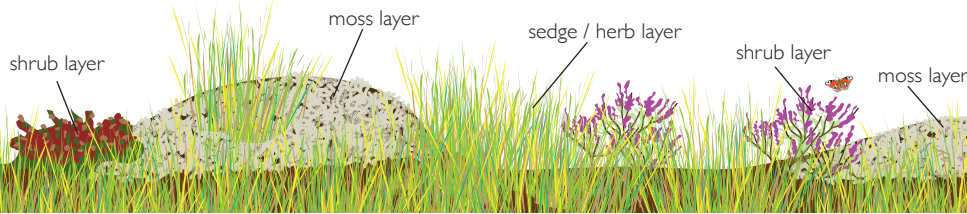
Total Score:

(A+B+C)

/100

**A Ecological Integrity - Are the correct plants in the habitat?**Total score A  
(sum of A1 to A5):

/60

**Positive indicators:**  
(tick those present)**Moss Layer:**

- ☐ Branched Mosses
- ☐ Non-crustose  
(bushy) Lichens
- ☐ Sphagnum Mosses

**Sedge / Herb Layer:**

- ☐ Bog Asphodel
- ☐ Bog Bean
- ☐ Bog Cotton
- ☐ Deer Grass
- ☐ Lousewort
- ☐ Sundews
- ☐ White-beaked Sedge

**Shrub Layer:**

- ☐ Bell Heather
- ☐ Bilberry
- ☐ Bog Myrtle
- ☐ Cross-leaved Heather
- ☐ Ling Heather
- ☐ Western Gorse

**A1** How many **positive** indicators  
are present?No. of  
plants: Score

0-4	0
5-6	5
7-8	10
9+	15

Score A1:

**A2** What is the overall cover of **positive**  
mosses & lichens? (*Branched Mosses,*  
*Non-crustose Lichens, Sphagnum Mosses*)

Cover:

Score

Low: < 5% of the total area	0
Medium: 5-25% of the total area	10
High: >25% of the total area	20

Score A2:

**A3** Are there any **non-native** species in the  
plot (*rhododendron, self-sown conifers,*  
*other alien invasive*)?

Score

Yes	-10
No	0

Score A3:

**A4**  
What is the overall  
cover of all **negative**  
indicators?

Cover:

Score

High: >25% of the total area	-20
Medium: 1-25% of the total area	-10
Low: <1% of the total area	10

**Negative indicators:**  
(tick those present)

- ☐ Bramble
- ☐ Conifers
- ☐ European Gorse
- ☐ Nettle
- ☐ Rhododendron
- ☐ Other alien invasive

Score A4:

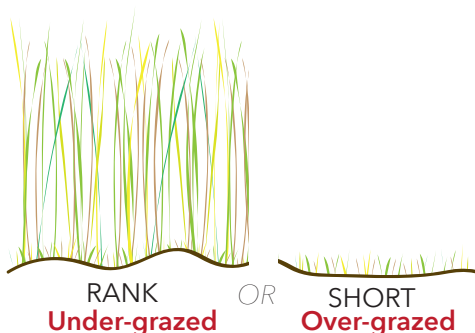
**A5** Quality of vegetation structure (type & look of plants)?

Score A5:

**POOR:** Short or rank  
throughout with  
limited variation.

Score

-15

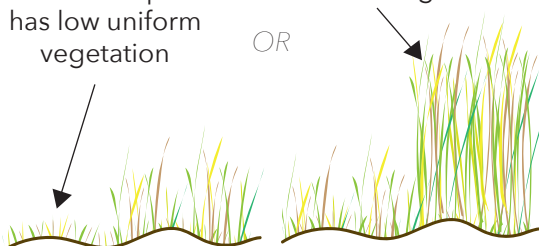
**MEDIUM:**

Score

0

25-50% of plot  
has low uniform  
vegetation

OR

25-50% of plot has  
rank vegetation**GOOD:**

Score

15



## B Hydrological Integrity - Bogs should be kept wet!

### B1 Artificial drainage.

	Score
<b>Poor:</b> >20% of plot affected by free flowing drains (removing water from bog).	-25
<b>Medium:</b> Some drains, but may be re-vegetated or water flow impeded.	0
<b>Good:</b> No evidence of past drainage or disturbance.	25

**Total score B**  
(sum of B1 & B2):  
**/25**

Score B1:

## C Threats to Site Integrity - evidence of damage apart from drains

### C1 Is there evidence of damage due to burning?

<b>High:</b> Evidence of recent burning causing significant damage (>10% of plot affected).	Score	-15
<b>Medium:</b> Evidence of some recent burning, but no damage to moss layer (<10% of plot affected).	Score	-5
<b>None:</b> No evidence of recent burning.	Score	5

**Total score C**  
(sum of C1 to C5):  
**/15**

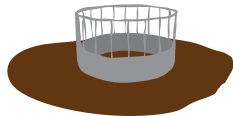
Score C1:

### C2 What is the extent of bare soil and erosion?

	Score
<b>High:</b> >10% of area is bare soil.	-10
<b>Medium:</b> <10% of area is bare soil.	0
<b>Low:</b> Little or no bare soil.	10

Score C2:

### C3 Is there damage due to feeding of animals?



	Score
<b>High:</b> >5% of area is damaged from feeding sites or feeding sites at vulnerable areas.	-15
<b>Medium:</b> <5% of area is damaged from feeding site.	-5
<b>Low/none:</b> No damage.	0

Score C3:

### C4 Turbary / turf cutting

	Score
<b>High:</b> Turf cutting this season.	-20
<b>Medium:</b> Turf cutting last year, not this season.	-10
<b>Low/none:</b> No turf cutting in more than 2 years.	0

Score C4:

### C5 Is there any evidence of damaging activities to vegetation or soil?

*Examples include: dumping, pollution, damage to soil, active quarry / sandpit, litter etc*

	Score
<b>High:</b> >50% of area affected.	-20
<b>Medium:</b> 6-50% of area affected.	-10
<b>Low/none:</b> 0-5% of area affected.	0

Score C5:

Observations / stories. Did anyone lose any boots, get stuck in the mud etc.?